



Reference: 10220653
Country Ref.: 01270454
EAN 13: 3427580644658

CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

- CST 74C068
- Quality insurance according to RCC - E
- Zero halogen (SH)
- Control cables 0.3/0.5(0.6)kV
- Cables installed outside of the containment area (K3)
- Overall Screen (EG)
- Armoured by braid (TZ) or tapes (AR)

STANDARDS

Product IEC 60228

Test a; IEC 60332 - 3 - 23; IEC 60754 - 1; IEC 61034 - 2; NF C32 - 070/C1

APPLICATIONS

These control cables allow connection to a variety of industrial equipment from control room. Many of them require anti - inductive screen (EMI). They are well adapted to underground use.

CONSTRUCTION

Conductor:

- Stranded plain copper (class 2)

Insulation:

- Zero halogen (SH), cross - linked

Assembling:

- Polyester tape (optional)

Overall screen:

- Copper wire braid (CWB) R 80%

Inner sheath:

- Low smoke, zero halogen (LSZH)

Armour:

- Galvanized steel braid (Tz) 4 conductors
- Steel tapes (Ar) > 4 conductors

Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

Core identification

Black cores printed with white numbers

Optional: with Y/G core

Marking

LYNXEO 279 Nber of cores & cross - section Cu EG ARME CST 74 C 068 K3
SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



Halogen free
IEC 60754 - 1; IEC
60754 - 2



Mechanical
resistance to
impacts
Good



Operating temp.
- 20 ... 60 ° C



Fire retardant
NF C 32070 C1;
IEC 60332 - 3 - 24
(cat.B)



Electro magnetic
interference
resistance
Yes



U.V resistance
Yes



Life cycle 60years
Yes

CHARACTERISTICS

	2	()
	Bare copper braid	
	LSZH	
Armour type		
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
With Green/Yellow core		
	1 mm ²	
	37	
	1.3 mm	
Diameter over insulation	2.5 mm	
Diameter over screen	18.6 mm	
Diameter over inner sheath	21.4 mm	
Diameter over armour	22.3 mm	
Minimum outer diameter	24.2 mm	
Maximum outer diameter	27.8 mm	
()	1265 kg/km	
20 ° C	DC	18.1 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		23.000 Ohm/km
Reactance at 50 Hz		0.1 Ohm/km
Short Circuit Current 0,3 s Max		0.26 kA
Short Circuit Current 1 s Max		0.14 kA
Impedance at 50 Hz		18.1 Ohm
Voltage Drop		36.9 V/A.km
Calorific Power		6.9 MJ/m
Mechanical resistance to impacts		Good
操作度范	- 20 ... 60 ° C	
		-
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)	
Electro magnetic interference resistance	Yes	
U.V resistance	Yes	
Life cycle 60years	Yes	
Max. conductor temperature in service	90 ° C	



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SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

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